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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	08/09/045
Filing Date	November 12, 2000
First Named Inventor	M. Rignion Lentz
Group Art Unit	
Examiner Name	
Attorney Docket Number	LEN 102

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	US Patent Document	Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY
		Number Kind Code ² (if known)		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,708,713	Lentz	11-24-1987
		5,135,919	Folkman et al.	08-04-1992
		5,147,638	Esmon et al.	09-15-1992
		5,290,807	Folkman et al.	03-01-1994
		5,629,327	D'Amato	05-13-1997
		5,639,725	O'Reilly et al.	06-17-1997
		5,698,586	Kishimoto et al.	12-16-1997
		5,712,291	D'Amato	06-27-1998
		5,713,491	Hughes et al.	02-03-1998
		5,716,981	Hunter et al.	02-10-1998
		5,733,876	O'Reilly et al.	03-31-1998

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office. ³	Number ⁴	Kind Code ⁵ (if known)				

Examine Signature	<i>G. Sch... 10/2/02</i>	Date Considered	10/2/02
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¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

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Application Number	09/709,045- DATE MAR 08 2001
Filing Date	November 12, 2000
First Named Inventor	M. Rignon Lentz
Group Art Unit	164+
Examiner Name	J. Scharfeyon
Attorney Docket Number	LEN 102

Sheet 2 of 3

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JS		ANDREWS, et al., "Characterization of the receptor for tumor necrosis factor (TNF) and lymphotoxin LT on human T lymphocytes: TNF and LT differ in their receptor binding properties and the induction of MHC class I proteins on a human CD4+ T cell hybridoma," <i>J Immunol</i> 144:2582-2591 (1990).	✓
		CHEN, et al., "Soluble TNF-α receptors are constitutively shed and downregulate adhesion molecule expression in malignant gliomas," <i>J. Neuropathol. Exp. Neurol.</i> 56(5):541-550 (1997).	✓
		CLACKSON, et al., "Making antibody fragments using phage display libraries," <i>Nature</i> 352:624-688 (1991).	✓
		DAUGHERTY, et al., "Polymerase chain reaction facilitates the cloning, CDR-grafting, and rapid expression of a murine monoclonal antibody directed against the CD18 component of leukocyte integrins," <i>Nucl. Acids Res.</i> 19:2471-2476 (1991).	✓
		EY, et al., "Isolation of pure IgG ₁ , IgG _{2a} , and IgG _{2b} immunoglobulins from mouse serum using protein A-Sepharose," <i>Immunochimistry</i> 15:429-436 (1978).	✓
		FEINMAN, et al., "Tumor necrosis factor is a important mediator of tumor cell killing by human monocytes," <i>J Immunol</i> 138:635 (1987).	✓
		GATANAGA, et al., "Identification of TNF-LT blocking factor(s) in the serum and ultrafiltrates of human cancer patients," <i>Lymphokine Res</i> 9:225-9 (1990).	✓
		HARANAKA, et al., "Cytotoxic activity of tumor necrosis factor (TNF) on human cancer cells in vitro," <i>Jpn J Exp Med</i> 51:191 (1981).	✓
		Hemostasis and Thrombosis: <u>Basic Principles and Clinical Practice</u> 2nd Ed., Colman, R.W., et al., p. 263 (J.B.Lippincott, Philadelphia, PA 1987).	✓
		HOWARD, et al., "Vaccinia virus homologues of the Shope fibroma virus inverted terminal repeat proteins and a discontinuous ORF related to the tumor necrosis factor receptor family," <i>Virology</i> 180:633-664 (1991).	✓

Examiner's Signature	Date Considered
<i>[Signature]</i>	10/2/02

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/709,045
		Filing Date	November 12, 2000
		First Named Inventor	M. Rignon Lentz
		Group Art Unit	647
		Examiner Name	J. Schaefer
Sheet	3	of	3
		Attorney Docket Number	LEN 102

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	†
/CMW/		JABLONSKA & PEITRUSKA, "Release of soluble tumor necrosis factor receptors from polymorphonuclear cells of breast cancer patients," <i>Arch. Immunol. Ther. Exp. (Warsz)</i> 45(5-6):449-453 (1997).	/
		KABAT, et al., <u>Sequences of Proteins of Immunological Interest</u> 4th Ed. (U.S. Dept. Health and Human Services, Bethesda, MD, 1987).	/
		LANGKOPF, et al., "Soluble tumor necrosis factor receptors as prognostic factors in cancer patients," <i>Lancet</i> 344:57-58 (1994).	/
		MATHIAS, et al., "Activation of the Sphingomyelin signaling pathway intact EL4 cells and in a cell-free system by IL-1b," <i>Science</i> 259:519-522 (1993).	/
		MATSCINER, et al., <u>Current Advances in Vitamin K Research</u> , pp. 135-140, John W. Suttie, ed. (Elsevier Science Publishing Co., Inc. 1988).	/
		OLD, Antitumor activity of microbial products and tumor necrosis factor, and Bonavida B, et al., (eds): <i>Tumor Necrosis Factor/Cachecin and Related Cytokines</i> , Basell, Karger, p7 (1988).	/
		PHILIP, et al., "Tumor necrosis factor as immunomodulator and mediator of monocyte cytotoxicity induced by itself, Gamma-interferon and Interleukin-1," <i>Nature</i> 323:86 (1986).	/
		URBAN, et al., "Tumor necrosis factor: A potent effector molecule for tumor cell killing by activated macrophages," <i>Proc Natl Acad Sci USA</i> 83:5233 (1986).	/
/CMW/		ZIEGLER-HEITBROCK, et al., "Tumor necrosis factor as effector molecule in monocyte-mediated cytotoxicity," <i>Cancer Res</i> 46:5947 (1986).	/

Examiner's Signature	<i>[Signature]</i>	Date Considered	10/2/02
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PTO/SB/08A (10-96)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2
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Complete if Known

Application Number	09/709,045
Filing Date	November 10, 2000
First Named Inventor	M. Rignon Lentz
Group Art Unit	1647
Examiner Name	J. Scharasey
Attorney Docket Number	LEN 102

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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09/709.045

Filing Date

November 10, 2000

First Named Inventor

M. Rigdon Lentz

Group Art Unit

1647

Examiner Name _____

T. Sehera (C411)

Attorney Docket Number

LEN 102

OTHER ART - NON PATENT LITERATURE DOCUMENTS

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Examiner's
Signature

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Date Considered

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